

**Commonwealth of Kentucky**  
**Division for Air Quality**  
**EXECUTIVE SUMMARY**

FINAL

Conditional Major, Construction / Operating

Permit: F-08-007

Northern KY University

Highland Heights, Kentucky 41099

21 June, 2008

Herbert Campbell, Reviewer

SOURCE ID: 21-037-00095

AGENCY INTEREST: 37575

ACTIVITY: APE20080001

**SOURCE DESCRIPTION:**

On January 2, 2008, Northern Kentucky University applied to the Division for the renewal permit of their existing permit [F-02-025 R2] for their facility in Highland Heights, Kentucky. The applicant proposes to construct/operate six new natural-gas fired indirect heat exchangers (3 boilers-each 2 MMBtu/hr), (3 boilers-each 1MMBtu/hr) and one 288 hp industrial engine (emergency generator). The indirect heat exchangers will become Emission Units 22, 23, 24, 25, 26 and 27. However, the diesel generator will be placed under Section B emission unit 18, with the same monitoring, record keeping and reporting requirements.

These additions will not significantly increase the source wide potential to emit of any regulated air pollutant. The projected potential emissions increase of regulated air pollutants proposed from the additions is not considered a major modification and meets the requirements of 401 KAR 52:030, Section 14 (conditional major permit-minor revisions). Additionally, this modification will not change the monitoring, record keeping and reporting requirements of the permit. The source shall maintain the source wide federally enforceable operational emissions limits to be less than 90 tons per year for Nitrogen Oxides (NO<sub>x</sub>) to preclude the applicability of 401 KAR 52:020.

**PUBLIC AND U.S. EPA REVIEW:**

On May 22, 2008, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in Boone County Recorder in Florence, Kentucky. In addition, notification of the issuance of the draft permit was sent to the U.S. EPA on May 12, 2008 via e-mail. The public comment period expired 30 days from the date of publication. No comments were received during this period. The permit is now being issued final.